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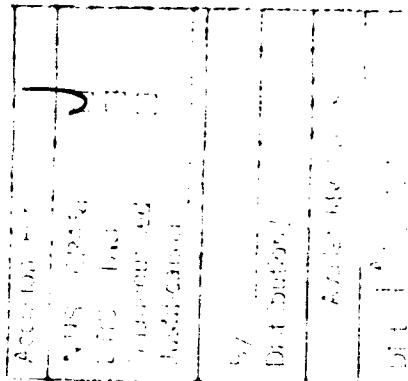
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**FOREWORD**

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<b>LACK OF DIURNAL EFFECTS ON PERIODIC EXERCISE DURING PROLONGED COLD WATER IMMERSION.</b>	NMRI 90-0046
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THE GENOMIC ORGANIZATION OF THE CD28 GENE. IMPLICATIONS FOR THE REGULATION OF CD28 mRNA EXPRESSION AND HETEROGENEITY.

**GENES, STRUCTURAL, BACTERIAL**

MOLECULAR CLONING AND SEQUENCE ANALYSIS OF THE STA58 MAJOR ANTIGEN GENE OF RICKETTSIA TSUTSUGAMUSHI: SEQUENCE HOMOLOGY AND ANTIGENIC COMPARISON OF STA58 TO THE 60-KILODALTON FAMILY OF STRESS PROTEINS.

CHARACTERIZATION OF THE GENE ENCODING THE PROTECTIVE PARACRYSTALLINE-SURFACE-LAYER PROTEIN OF RICKETTSIA PROWAZEKII: PRESENCE OF A TRUNCATED IDENTICAL HOMOLOG IN RICKETTSIA TYPHI.

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**GLUCOSE**

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**GLUTAMATE DECARBOXYLASE**

EFFECT OF HELIUM AND HELIOX ON GLUTAMATE DECARBOXYLASE ACTIVITY.

**GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR**

GM-CSF: A REGULATORY MOLECULE FOR NK ACTIVITY IN THE BONE MARROW.

**GROWTH SUBSTANCES**

GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR: MORE THAN A HEMOPOIETIN.

DIFFERENTIAL AUGMENTATION OF IN VIVO NATURAL KILLER CYTOTOXICITY IN NORMAL PRIMATES WITH RECOMBINANT HUMAN INTERLEUKIN-1 AND GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR.

**GUINEA PIGS**

RESPONSE OF ANTOXIDANT ENZYMES TO INTERMITTENT AND CONTINUOUS HYPERBARIC OXYGEN.

EFFECT OF HELIUM AND HELIOX ON GLUTAMATE DECARBOXYLASE ACTIVITY.

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NMRI 90-0053

NMRI 90-0057

NMRI 90-0123

NMRI 90-0143

NMRI 90-0099

NMRI 90-0084

NMRI 90-0064

NMRI 90-0009

NMRI 90-0013

NMRI 90-0074

NMRI 90-0084

## HAPLOTYPES

THE COMPLEXITY OF DRW6 AND DR5 HAPLOTYPES IN AMERICAN BLACKS DEMONSTRATED BY SEROLOGY, CELLULAR TYPING, AND RESTRICTION FRAGMENT LENGTH POLYMORPHISM ANALYSIS.

## HEART RATE

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## HEAT SHOCK PROTEINS

MOLECULAR CLONING AND SEQUENCE ANALYSIS OF THE STA58 MAJOR ANTIGEN GENE OF RICKETTSIA TSUTSUGAMUSHI: SEQUENCE HOMOLOGY AND ANTIGENIC COMPARISON OF STA58 TO THE 60-KILODALTON FAMILY OF STRESS PROTEINS.

A STRUCTURAL AND IMMUNOLOGICAL COMPARISON OF RICKETTSIAL HSP60 ANTIGENS WITH THOSE OF OTHER SPECIES.

## HELIUM

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A TECHNIQUE FOR MEASURING THE SOLUBILITIES OF GASES IN LIQUIDS.

## HEMATOCRIT

CHANGES IN HEMATOLOGICAL PARAMETERS ASSOCIATED WITH MULTIPLE COLD AIR EXPOSURE AND TRIIODOTHYRONINE (T3) SUPPLEMENT.

## HEMATOPOIETIC CELL GROWTH FACTORS

GM-CSF: A REGULATORY MOLECULE FOR NK ACTIVITY IN THE BONE MARROW.

## HEMODYNAMICS

RENAL HEMODYNAMICS AND PROSTAGLANDIN E2 EXCRETION IN A NONHUMAN PRIMATE MODEL OF SEPTIC SHOCK.

## HEMOGLOBINS

CHANGES IN HEMATOLOGICAL PARAMETERS ASSOCIATED WITH MULTIPLE COLD AIR EXPOSURE AND TRIIODOTHYRONINE (T3) SUPPLEMENT.

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HEPATITIS B IN A HIGHLY ACTIVE PROSTITUTE POPULATION:  
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HEPATITIS B INFECTION IN A NON-DRUG ABUSING PROSTITUTE  
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**HEPATITIS B SURFACE ANTIGENS**

HEPATITIS B IN A HIGHLY ACTIVE PROSTITUTE POPULATION:  
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**HERPESVIRUS**

ISOLATION OF A NEW HERPESVIRUS FROM HUMAN CD4+ T CELLS.  
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**HISTOCOMPATIBILITY ANTIGENS**

ACTIVATION OF TYROSINE PHOSPHORYLATION IN HUMAN T CELLS  
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THE COMPLEXITY OF DRW6 AND DR5 HAPLOTYPES IN AMERICAN  
BLACKS DEMONSTRATED BY SEROLOGY, CELLULAR TYPING, AND  
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**HIV ENVELOPE PROTEIN GP120**

NO T-CELL TYROSINE PROTEIN KINASE SIGNALLING OR CALCIUM  
MOBILIZATION AFTER CD4 ASSOCIATION WITH HIV-1 OR HIV-1  
GP120.

**HIV-1**

NO T-CELL TYROSINE PROTEIN KINASE SIGNALLING OR CALCIUM  
MOBILIZATION AFTER CD4 ASSOCIATION WITH HIV-1 OR HIV-1  
GP120.

**HLA-DQ ANTIGENS**

TWO DIVERGENT ROUTES OF EVOLUTION GAVE RISE TO THE DRW13  
HAPLOTYPES.

**HLA-DR ANTIGENS**

TWO DIVERGENT ROUTES OF EVOLUTION GAVE RISE TO THE DRW13  
HAPLOTYPES.

NMRI 90-0085

NMRI 90-0121

NMRI 90-0085

NMRI 90-0003

NMRI 90-0089

NMRI 90-0091

NMRI 90-0107

NMRI 90-0125

NMRI 90-0125

NMRI 90-0131

NMRI 90-0131

HLA-DR5-ANTIGEN

THE COMPLEXITY OF DRW6 AND DR5 HAPLOTYPES IN AMERICAN BLACKS DEMONSTRATED BY SEROLOGY, CELLULAR TYPING, AND RESTRICTION FRAGMENT LENGTH POLYMORPHISM ANALYSIS.

HLA-DR6-ANTIGEN

THE COMPLEXITY OF DRW6 AND DR5 HAPLOTYPES IN AMERICAN BLACKS DEMONSTRATED BY SEROLOGY, CELLULAR TYPING, AND RESTRICTION FRAGMENT LENGTH POLYMORPHISM ANALYSIS.

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IL-5 INDUCES A PGP-1 (CD44) BRIGHT B CELL SUBPOPULATION  
THAT IS HIGHLY ENRICHED IN PROLIFERATIVE AND IG SECRETORY  
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HYDROCARBONS, HALOGENATED

THE DETERMINATION OF THE REPEATED ORAL TOXICITY OF  
HALOCARBON OIL, SERIES 27-S.

HYDROGEN

A TECHNIQUE FOR MEASURING THE SOLUBILITIES OF GASES IN  
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HYDROGEN PEROXIDE

HYPERMETABOLIC PRIMING OF CANINE NEUTROPHILS BY 7-S NERVE  
GROWTH FACTOR.

HYDROGENASE

ALCALIGENES EUTROPHUS AS A SOURCE OF HYDROGENASE: AN  
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RESPONSE OF ANTIOXIDANT ENZYMES TO INTERMITTENT AND  
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PYRIDOSTIGMINE AND WARM WATER DIVING PROTOCOL 90-05:  
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NMRI 90-0107

NMRI 90-0107

NMRI 90-0045

NMRI 90-0136

NMRI 90-0153

NMRI 90-0120

NMRI 90-0044

NMRI 90-0138

NMRI 90-0060

NMRI 90-0061

NMRI 90-0074

NMRI 90-0095

PYRIDOSTIGMINE AND WARM WATER DIVING PROTOCOL 90-05: II. THERMAL BALANCE.	NMRI 90-0096
PYRIDOSTIGMINE AND WARM WATER DIVING PROTOCOL 90-05: IV. PHYSICAL PERFORMANCE.	NMRI 90-0098
PYRIDOSTIGMINE AND WARM WATER DIVING PROTOCOL 90-05: V. HYDRATION STATUS.	NMRI 90-0099
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COLDEX-86: PHYSICAL WORK CAPACITY DURING PROLONGED COLD WATER IMMERSION AT 6.1 MSW.	NMRI 90-0135

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ACTIVE AND PASSIVE IMMUNIZATION AGAINST PLASMODIUM YOELII SPOROZOITES.	NMRI 90-0140	
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**INTERLEUKIN-2**

AMPLIFICATION, DETECTION, AND AUTOMATED SEQUENCING OF GIBBON INTERLEUKIN-2 mRNA BY THERMUS AQUATICUS DNA POLYMERASE REVERSE TRANSCRIPTION AND POLYMERASE CHAIN REACTION.

**INTERLEUKIN-5**

IL-5 INDUCES A PGP-1 (CD44) BRIGHT B CELL SUBPOPULATION THAT IS HIGHLY ENRICHED IN PROLIFERATIVE AND Ig SECRETORY ACTIVITY AND BINDS TO HYALURONATE.

**INTESTINAL MUCOSA****INTESTINAL BARRIERS TO BACTERIA AND THEIR TOXINS.****INTESTINES**

GROWTH OF SALMONELLA TYPHIMURIUM SL5319 AND ESCHERICHIA COLI F-18 IN MOUSE CECAL MUCUS: ROLE OF PEPTIDES AND IRON.

**INTRACRANIAL PRESSURE**

THE TRENDelenburg POSITION AFTER CERebral AIR EMBOLISM IN DOGS: EFFECTS ON THE SOMATOSENSORY EVOKED POTENTIAL, INTRACRANIAL PRESSURE, AND BLOOD-BRAIN BARRIER.

**KIDNEY FAILURE, ACUTE**

RENAL HEMODYNAMICS AND PROSTAGLANDIN E2 EXCRETION IN A NONHUMAN PRIMATE MODEL OF SEPTIC SHOCK.

**KILLER CELLS, NATURAL**

DIFFERENTIAL AUGMENTATION OF IN VIVO NATURAL KILLER CYTOTOXICITY IN NORMAL PRIMATES WITH RECOMBINANT HUMAN INTERLEUKIN-1 AND GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR.

EFFECTS OF BACTERIAL LIPOPOLYSACCHARIDE AND CALMODULIN ON CA<sup>2+</sup>-ATPase AND CALCIUM IN HUMAN NATURAL KILLER CELLS, STUDIED BY A COMBINED TECHNIQUE OF IMMUNOELECTRON MICROSCOPY AND ULTRACYTOCHEMISTRY.

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PROTEIN KINASE C ACTIVATION IN B CELLS BY INDOLACTAM INHIBITS ANTI-Ig-MEDIATED PHOSPHATIDYLINOSITOL BISPHOSPHATE HYDROLYSIS BUT NOT B CELL PROLIFERATION.

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## LEARNING

PYRIDOSTIGMINE AND WARM WATER DIVING PROTOCOL 90-05:  
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DIFFUSE CUTANEOUS LEISHMANIASIS ACQUIRED IN PERU. NMRI 90-0114

### LEISHMANIASIS, MUCOCUTANEOUS

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### LEUKOCYTES, MONONUCLEAR

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### LIDOCAINE

TREATMENT OF EXPERIMENTAL CEREBRAL AIR EMBOLISM WITH LIDOCAINE AND HYPERBARIC OXYGEN. NMRI 90-0139

### LIPOPOLYSACCHARIDES

MEMBRANE RECEPTORS ON RAT HEPATOCYTES FOR THE INNER CORE REGION OF BACTERIAL LIPOPOLYSACCHARIDES. NMRI 90-0007

EFFECTS OF BACTERIAL LIPOPOLYSACCHARIDE AND CALMODULIN ON CA<sub>2+</sub>-ATPASE AND CALCIUM IN HUMAN NATURAL KILLER CELLS, STUDIED BY A COMBINED TECHNIQUE OF IMMUNOELECTRON MICROSCOPY AND ULTRACYTOCHEMISTRY. NMRI 90-0027

ULTRASTRUCTURAL AND IMMUNOCYTOCHEMICAL STUDY OF THE UPTAKE AND DISTRIBUTION OF BACTERIAL LIPOPOLYSACCHARIDE IN HUMAN MONOCYTES. NMRI 90-0093

### LIVER

MEMBRANE RECEPTORS ON RAT HEPATOCYTES FOR THE INNER CORE REGION OF BACTERIAL LIPOPOLYSACCHARIDES. NMRI 90-0007

CYTOTOXIC T CELLS RECOGNIZE A PEPTIDE FROM THE CIRCUMSPOROZOITE PROTEIN ON MALARIA-INFECTED HEPATOCYTES. PROTECTION AGAINST MALARIA INDUCED BY IRRADIATED SPOROZOITES. (LETTER) NMRI 90-0023

THE LIVER AS A MAJOR SITE OF IMMUNOLOGICAL ELIMINATION OF MURINE TRYPANOSOME INFECTION, DEMONSTRATED WITH THE LIVER PERfusion MODEL. NMRI 90-0024

IRRADIATED SPOROZOITE VACCINE INDUCES CYTOTOXIC T LYMPHOCYTES THAT RECOGNIZE MALARIA ANTIGENS ON THE SURFACE OF INFECTED HEPATOCYTES. NMRI 90-0048

NMRI 90-0069

CELLULAR MECHANISMS OF NONSPECIFIC IMMUNITY TO  
INTRACELLULAR INFECTION: CYTOKINE-INDUCED SYNTHESIS  
OF TOXIC NITROGEN XIDES FROM L-ARGININE BY MACROPHAGES  
AND HEPATOCYTES.

NMRI 90-0070

T LYMPHOCYTES FROM MICE IMMUNIZED WITH IRRADIATED  
SPOROZOITES ELIMINATE MALARIA FROM HEPATOCYTES.

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SIMILARITY IN PATHOGENIC FEATURES IN LUNG AND PERITONEAL  
INFECTION BY COXIELLA BURNETII, TYPHUS GROUP RICKETTSIAE,  
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PROTEIN KINASE C ACTIVATION IN B CELLS BY INDOLACTAM  
INHIBITS ANTI-IG-MEDIATED PHOSPHATIDYLINOSITOL  
DISPHOSPHATE HYDROLYSIS BUT NOT B CELL PROLIFERATION.

MONOVALENT LIGANDS OF COMPLEMENT RECEPTOR 2 INHIBIT WHEREAS  
POLYVALENT LIGANDS ENHANCE ANTI-IG-INDUCED HUMAN B CELL  
INTRACYTOPLASMIC FREE CALCIUM CONCENTRATION.

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GENETIC ANALYSIS OF THE PRESENTATION OF MINOR LYMPHOCYTE-  
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SIGNAL TRANSDUCTION PATHWAYS.

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T-CELL ACTIVATION: REGULATORY ROLE FOR THE PROTOONCOGENE  
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T-CELL ACTIVATION IS REQUIRED FOR EFFICIENT REPLICATION  
OF HUMAN HERPESVIRUS 6.

ACTIVATION OF HUMAN B LYMPHOCYTES BY NANOGRAM  
CONCENTRATIONS OF ANTI-IGM-DEXTRAN CONJUGATES.

IL-5 INDUCES A PGP-1 (CD44) BRIGHT B CELL SUBPOPULATION  
THAT IS HIGHLY ENRICHED IN PROLIFERATIVE AND IG SECRETORY  
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GENETIC ANALYSIS OF THE PRESENTATION OF MINOR LYMPHOCYTE-  
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NMRI 90-0055

NMRI 90-0004

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NMRI 90-0120

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NMRI 90-0108

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NMRI 90-0001

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NMRI 90-0107

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COMPARISON OF PROPERTIES OF ISOLATED EHRLICHIAE AND SCRUB TYPHUS RICKETTSIAE.

ULTRASTRUCTURAL AND IMMUNOCYTOCHEMICAL STUDY OF THE UPTAKE AND DISTRIBUTION OF BACTERIAL LIPOPOLYSACCHARIDE IN HUMAN MONOCYTES.

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KELLY DJ

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KEYSTONE JS

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NMRI 90-0122

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THE DETERMINATION OF THE REPEATED ORAL TOXICITY OF HALOCARBON OIL, SERIES 27-S.

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KNOBLOCH J

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KOIZUMI S

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III. COGNITIVE PERFORMANCE ASSESSMENT.

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NMRI 90-0016

NMRI 90-0044

NMRI 90-0115

NMRI 90-0043

NMRI 90-0037

NMRI 90-0094

NMRI 90-0097

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